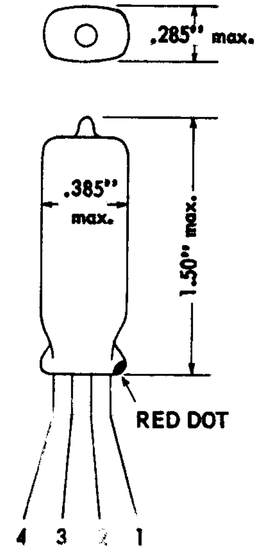
TECHNICAL INFORMATION

SUBMINIATURE TRIODE

TYPE CK6286

Excellence in Electronics

The CK6286 is a filament type triode of subminiature construction designed for use as an amplifier or oscillator. The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard inline subminiature sockets may be used by cutting the leads to a suitable length.



MECHANICAL DATA

ENVELOPE: T-2X3 Glass

BASE: None (0.016" tinned flexible leads.
Length: 1.5" min. Spacing: 0.048" center-to-center)

TERMINAL CONNECTIONS: *(Red Dot is adjacent to Lead 1)*

Lead 1 Plate	Lead 3 Grid
Lead 2 Filament, negative	Lead 4 Filament, positive

MOUNTING POSITION: Any

ELECTRICAL DATA

DIRECT INTERELECTRODE CAPACITANCES: *(uufds.)* ▲

Grid to Plate	1.6
Grid to Filament	1.3
Plate to Filament	2.1

RATINGS - ABSOLUTE MAXIMUM VALUES:

Filament Voltage (dc)	1.25± 20%	volts
Plate Voltage	100	volts
Plate Current	7.0	ma.
Plate Dissipation	0.45	watt

CHARACTERISTICS AND TYPICAL OPERATION - CLASS A1 AMPLIFIER:

Filament Voltage (dc)	1.25	volts
Filament Current	0.125	amp.
Plate Voltage	67.5	volts
Grid Voltage	-2.0	volts
Amplification Factor	11.5	
Transconductance	2100	umhos
Plate Current	6.0	ma.
Grid Voltage (approx.) for Ib= 50 ua.	-8.5	volts

TYPICAL OSCILLATOR CHARACTERISTICS:

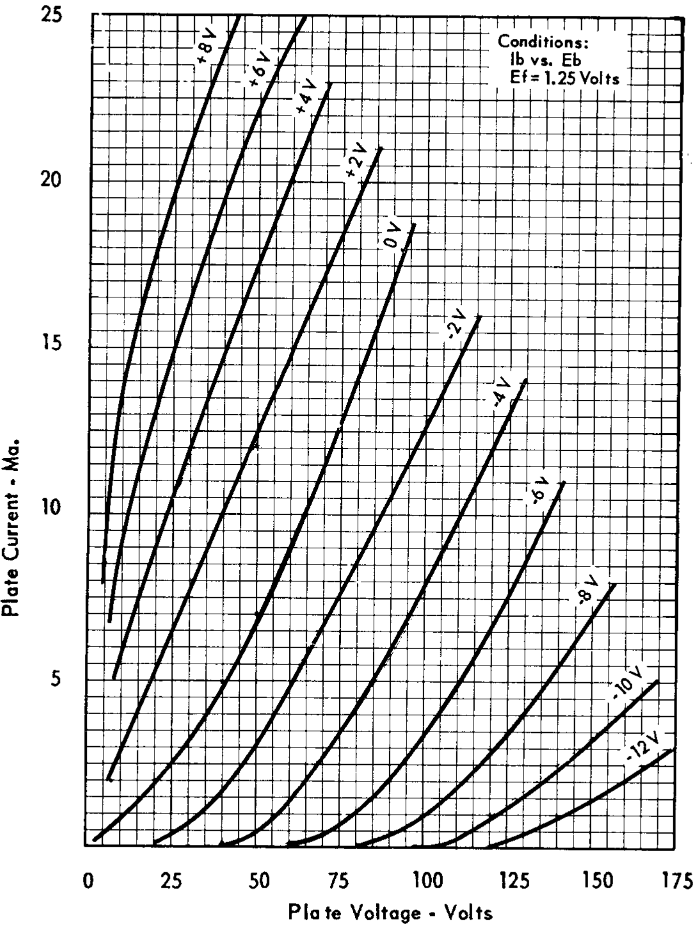
Filament Voltage	1.25	volts
Plate Voltage	67.5	volts
Plate Current	5.25	ma.
Grid Current	325	ua.
Plate Supply Resistance	1500	ohms
Grid Resistance	18000	ohms

These data identify a particular developmental tube design and the type designation or the descriptive data may be subject to change or abandonment.

▲ *No external shield.*

Tentative Data

AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS

